



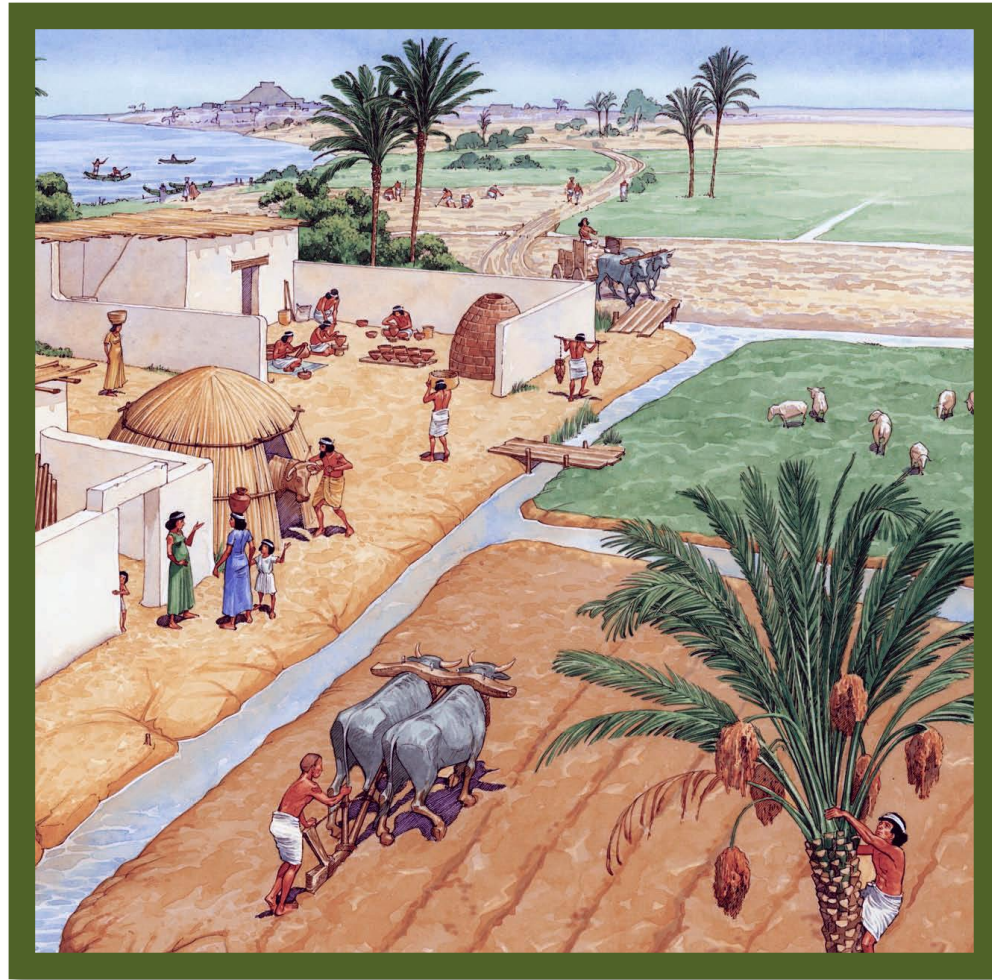
Ashur Cherry

NAM.DUB.SAR^{RA} AMA GÙ.DÉ-KE₄.E.NE A.A UM.ME.A-KE₄.EŠ

“Writing is the mother of speakers, the father of scholars”



Sumero-Akkadian Cuneiform Ancient Scripts



Ashur Cherry
York University
Toronto, Ontario

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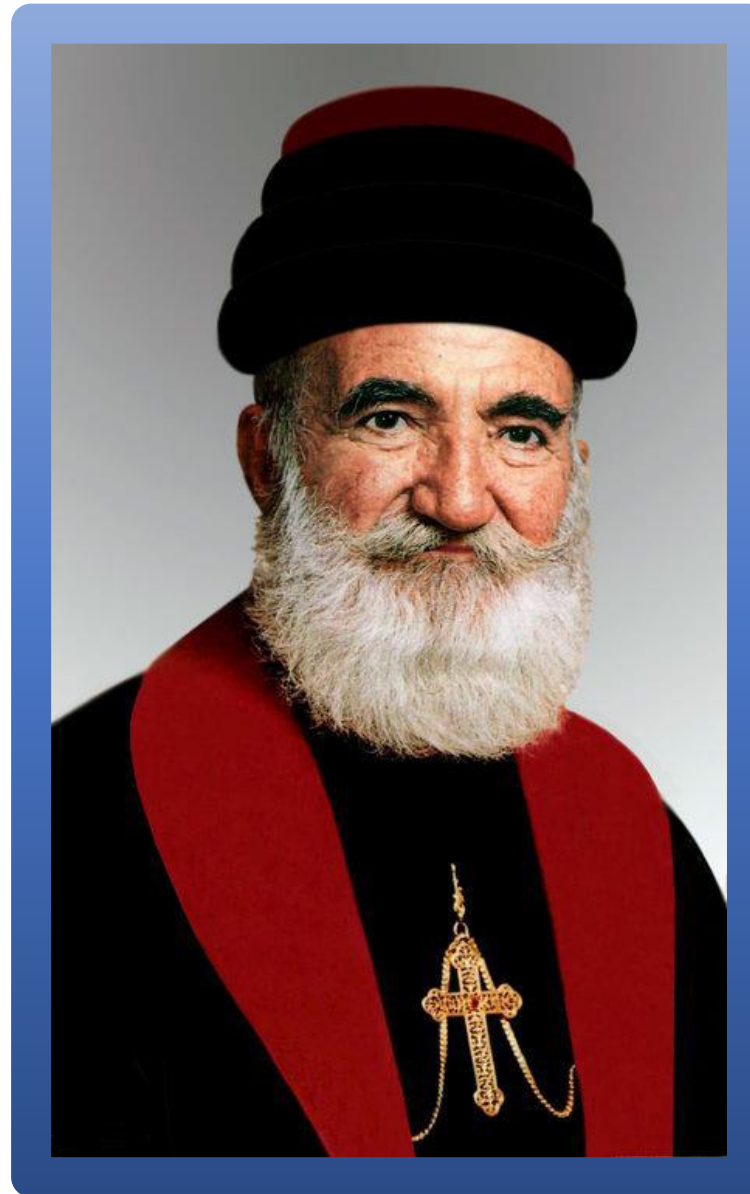
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Acknowledgement

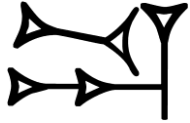
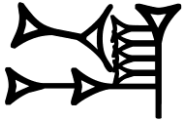
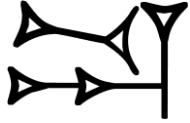











Apart from the efforts of myself, the success of any project depends largely on the encouragement of many others. I would like to show my greatest appreciation to my friends, especially late Dr. Goliath Nessian, Mr. Mirza Shmoil, Ms. Iannuzziello, Ms. Zuccarelli, Mr. Durnan, Mr. Storoschuck, Ms. Clarke, Mr. Stuart, and Miss Smith for the encouragement that I have always received from them in publishing my previous books, journal entries and developing my software. Also, I am personally would like to thank my late father, Petros Cherry, for he always supported and encouraged me while working on Assyriological projects.

I dedicate this book in memory of His Holiness † Mar Yousip Khnanisho
Archbishop of Shamisdin and Rustaqa



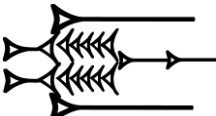


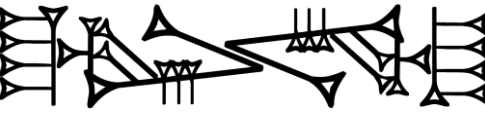
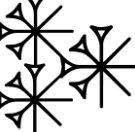
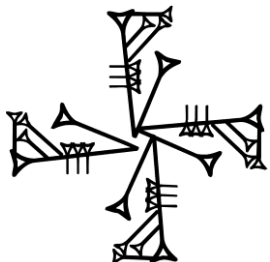


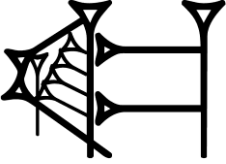

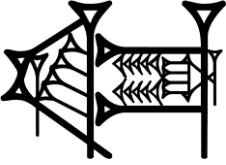
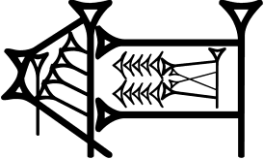
Seventy-Two Years of Dedication Toward His People, Church and Assyrian Nation
Thursday, May 18, 1893 (Mar Ishoo, Turkey) – Sunday, July 3, 1977 (Baghdad, Iraq)







Modifiers Overview

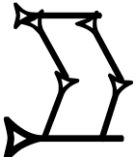
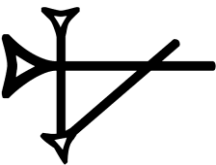




Modifier	Meaning	Sign		Example	
-gunû	four extra wedges	DU		DU-gunû	
-šeššig	added še-sign	DU		DU-šeššig	
-tenû	slanting	LÚ		LÚ-tenû	
-nutillû	unfinished	SAG		SAG-nutillû	
-zidatenû	slanting right	AŠ		AŠ-zidatenû	
-kabatenû	slanting left	AŠ		AŠ-kabatenû	
-<digits>°	rotated	NAGA		NAGA-180°	

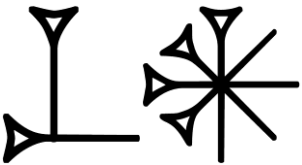
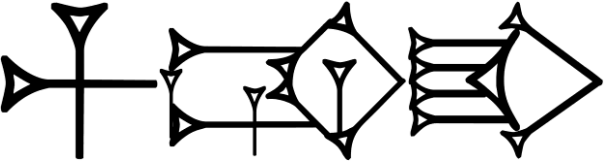
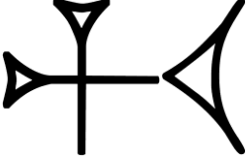

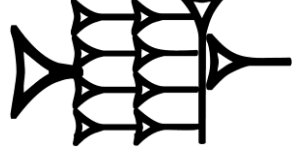

Operators Overview

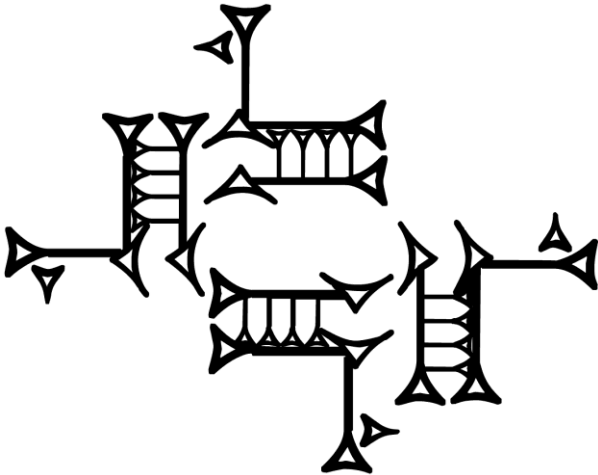
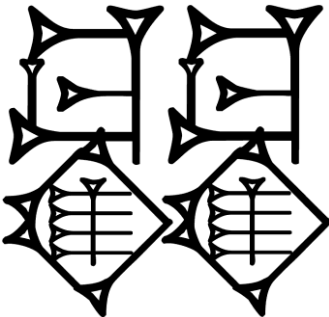
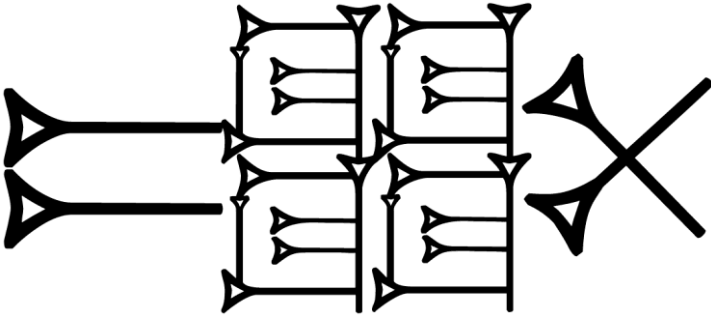
Operator	Meaning	Example	Sign
.	beside	DU . DU	
×	containing	NÍNDA×AN	
×	containing/group	NÍNDA× (ŠE . AŠ . AŠ)	
&	above	DU&DU	
%	crossing	(AŠ&AŠ&AŠ) % (AŠ&AŠ&AŠ)	
@	opposing	LUGAL@LUGAL	
3×	repeated	3×AN	
4×	repeated	4×LÚ	

	Sign Name	Sign Name	Sign
23	ŠAḥ		No sign exist
24	KA		
25	KA×GÍR	DU ₁₁ DUG ₄ GÙ INIM ZÚ	
26	TU ₆	KA×LI	
27	KA×TU		

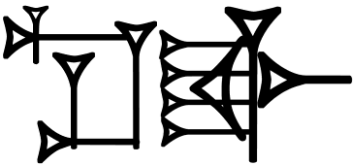

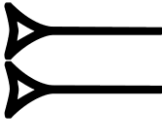
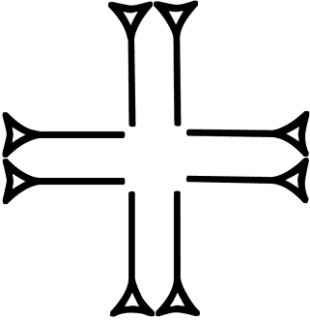
	Sign Name	Sign Name	Sign
28	KA×RU		
29	UŠ ₁₁	KA×BAD	
30	KA×MAŠ	KA×BAR	
31	NUNDUM	KA×NUN	
32	SU ₆	KA×SA	
33	PÙ	KA×KÁR BUZUR ₅	

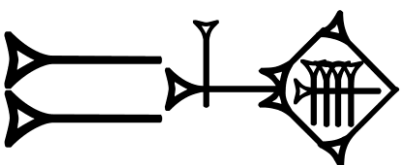
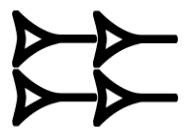
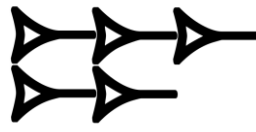
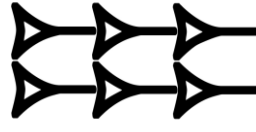
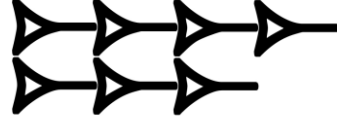
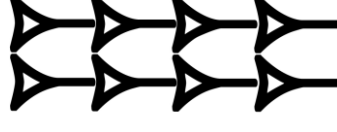
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111	RU		
112	NU	ŠIR ₅	
113	BAD		
	IDIM		
	TIL		
	ÚŠ		

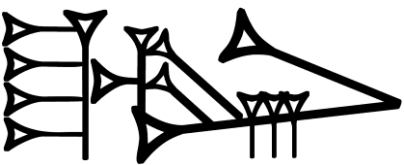
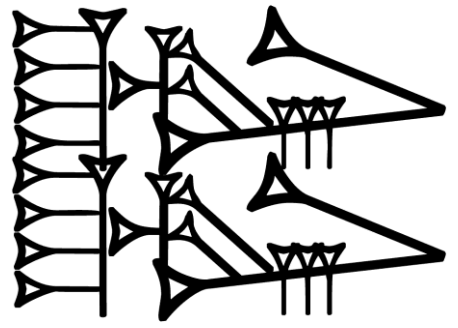

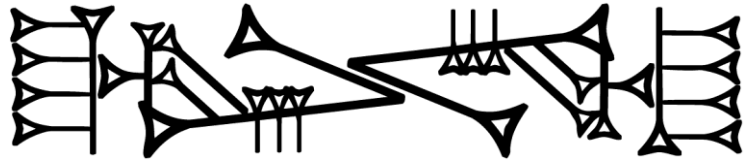
	Sign Name	Sign Name	Sign
123	KÚNGA	BAR.AN	
124	IDIGNA	DALLA MAŠ.GÚ.GÀR	
125	GÍDIM	MAŠ.U	
126	MAŠ.MAN		
127	AG	AK AKA	
128	AG×ŠÍTA		

	Sign Name	Sign Name	Sign
	$\begin{matrix} \text{EN} \cdot \text{NE} \\ \text{EN} \cdot \text{NE} \end{matrix}$	$4 \times \text{EN}$	
	$\begin{matrix} \text{KU} & \text{KU} \\ \text{ḪAR} \cdot & \text{ḪAR} \end{matrix}$		
	$\begin{matrix} \text{AŠ} & \text{KU} & \text{KU} \\ \text{AŠ} \cdot & \text{KU} \cdot & \text{KU} \cdot \text{KÚR} \end{matrix}$	GAŠMU	

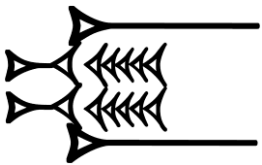
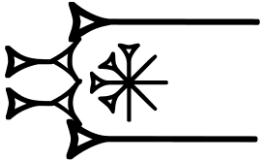
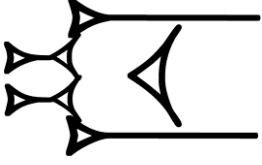

	Sign Name	Sign Name	Sign
194	SAG×SIG ₇		No sign exist
195	KÀN	SAG×MI	
196	SAG×UR		
197	SAG×A		
198	SAG×HÀ		
199	SAG×MUNUS		

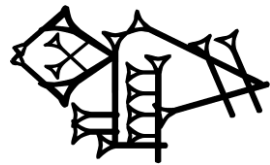

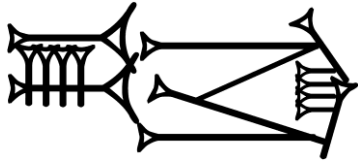
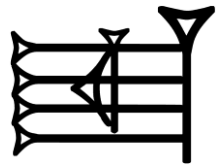
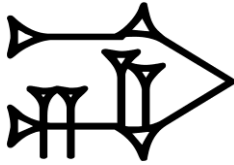
	Sign Name	Sign Name	Sign
206	SUR ₁₀	MÁ.SIG ₇	
207	DIR	DIRI DIRIG SI.A	
208	NÌQ		No sign exist
209	TAB	2	
	TAB • TAB TAB	4×TAB	

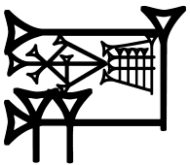
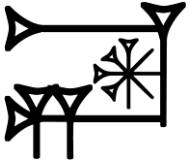
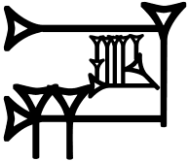
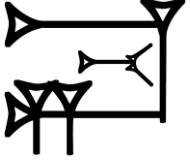

	Sign Name	Sign Name	Sign
214	MÉGIDDA	TAB.KUN	
215	LÍMMU	LÍM TAB.TAB 4	
216	IA ₇	TAB.TAB.AŠ 5	
217	AŠ ₄	TAB.TAB.TAB 6	
218	ÍMIN	TAB.TAB.TAB.AŠ 7	
219	ÚSSU	TAB.TAB.TAB.TAB 8	

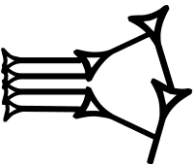
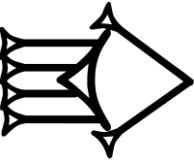
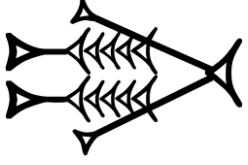
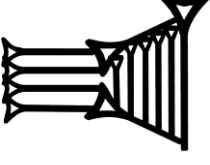
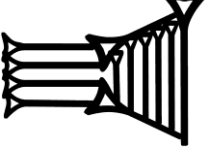
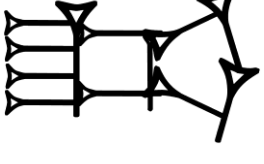
	Sign Name	Sign Name	Sign
265	DIM ₁₀	RAB.KAM	No sign exist
266	LUGAL		
	LUGAL LUGAL		
267	DIM ₉	LUGAL.GAN	
268	LUGAL.TVGN̄T	LUGAL@LUGAL	

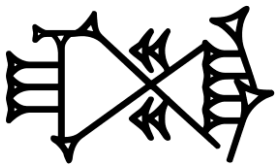
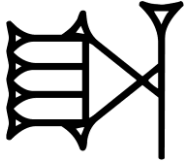

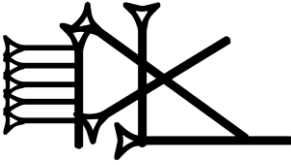
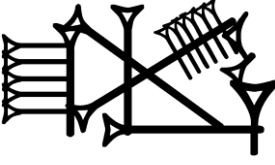

	Sign Name	Sign Name	Sign
	<div>AN.NAGA.VGVN.NV AN.NAGA.VGVN.NV AN.NAGA.VGVN.NV</div>	<div>4 × (AN.NAGA) DALHAMUN₄</div>	
	<div>NAGA</div>	<div>@NAGA</div>	
	<div>NAGA.VGVN</div>	<div>NAGA@NAGA</div>	

	Sign Name	Sign Name	Sign
	NÍNDA×ŠE		
	NÍNDA×AN		
334	NÍNDA×U		
335	NÍNDA×MAN		No sign exist
336	ZIG	ZIK NÍNDA×EŠ	
337	NÍNDA× (ME.KÍD)		No sign exist

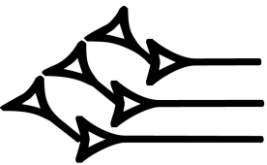
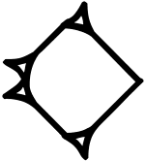

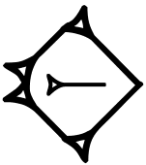
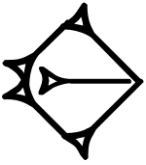
	Sign Name	Sign Name	Sign
353	ANŠE	GÌR×PA GÌR×TAB	
354	TUM	ÉB ÍB	
355	TUM-gunû	TUM×KÁR ÍB-gunû	No sign exist
356	EGIR	EGER	
357	IŠ	SAḪAR	
358	BI	KAŠ	







	Sign Name	Sign Name	Sign
391	GÁ× (GÍR.SU)		
392	AMA	GÁ×AN	
393	GÁ× (AN.GAG.A)		No sign exist
394	GÁ×KÍD	DÀN GÁ×TAK ₄	
395	GÁ×BAD		
396	GÁ×GI	PISAN×GI	

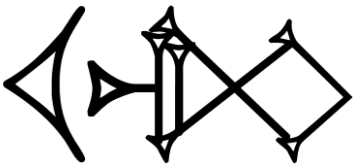

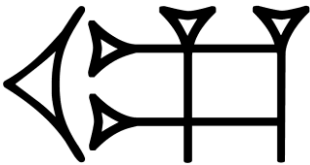
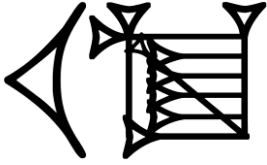

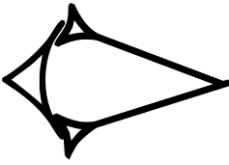
	Sign Name	Sign Name	Sign
542	UD-gunû		
543	GÀR	QAR KÀR	
544	LIL		
545	MÚRU	MURUB ₄ NISAG ITI-gunû	
546	SAG ₅		
547	DÉ	SIMUG	


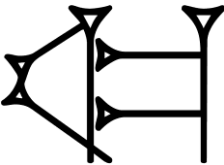
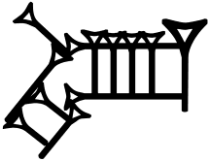


	Sign Name	Sign Name	Sign
	BALAG		
566	ŠA	ZUR ₈	
567	ŠU		
568	KAD ₄		
569	KAD ₅	ŠU.KÀD	
570	LUL	NAR PAḤ	



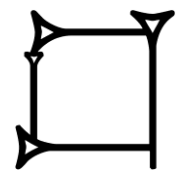
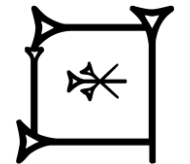
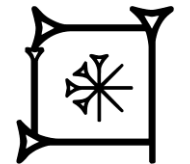
	Sign Name	Sign Name	Sign
	PI×AB		
	PI×I		
	PI×BI		
	PI×Ú		
	PI×E		
	PI×BU		


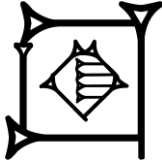
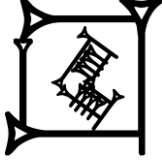
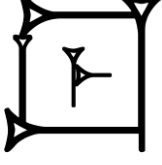


	Sign Name	Sign Name	Sign
630	$\frac{1}{6}$		
631	ḤI	DÙG	
632	ŠÁR		
633	TÍ		No sign exist
634	SÙR	ḤI.AŠ ḤI×AŠ	
635	A ^ᵐ		






	Sign Name	Sign Name	Sign
655	ŠÁR×MAN	72000	
656	ŠÁR×EŠ	108000	
657	ŠÁR×NIMIN	144000	
658	ŠÁR×NINNU	180000	
659	ŠÁR×DIŠ	𐎶𐎵×𐎠𐎫 216000	
660	𐎶𐎵×𐎧𐎺		






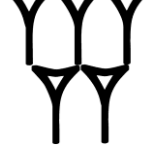
	Sign Name	Sign Name	Sign
667	GÀKKUL	U.DIM	
668	GAKKUL	U.MUN U.DIM×ŠE	
669	U.GUR		
670	U.DAR	AŠDAR U.GÙN	
671	SAGŠU	U.SAG	
672	ÁB	LID	

	Sign Name	Sign Name	Sign
741	PÉŠ	KILIM	
742	KIMIN		No sign exist
743	KIŠI ₄		
744	ŠUL	DUN	
745	KUG	KÙ	
746	PAD	ŠUK	

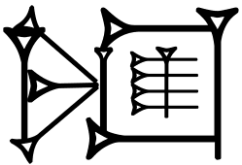
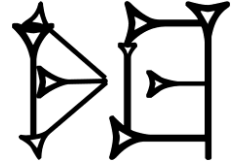
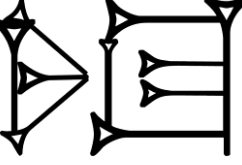
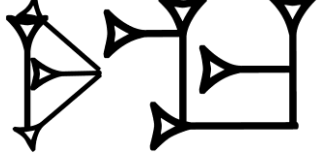
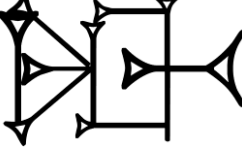

	Sign Name	Sign Name	Sign
753	ME	100	
754	MEŠ		
755	LAGAB	ḪAB KIL NÍGIN RIN	
756	ENGUR	LAGAB×ḪAL	
757	ZIKUM		No sign exist
758	LAGAB×AN		

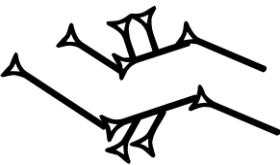
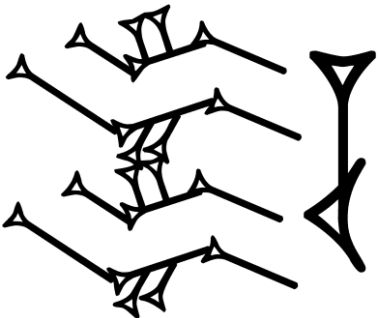
	Sign Name	Sign Name	Sign
788	BUL	LAGAB×EŠ TUK ₄	
789	LAGAB×KI		
790	GARIM	LAGAB×KUG	
791	LAGAB×ME		
792	LAGAB× (ME . EN)		
793	LAGAB×LU		

	Sign Name	Sign Name	Sign
845	EDURU	A×A	
846	ZÀĤ	A×ĤA	
847	DIŠ DIŠ	NÌMIN 4	No sign exist
848	NIGIDAMIN	DIŠ DIŠ	
849	LÁĹ	NIGIDAMIN.PAP	
850	NIGIDAEŠ	DIŠ DIŠ.DIŠ	

	Sign Name	Sign Name	Sign
856	ḪA	KU ₆	
857	ZUBUD	ḪA-tenû	
858	GUG	ZA.GUL	
859	NÍG	GAR NINDA NÌ	
860	LIMMU	NÍG 4	
861	IÁ	5	

	Sign Name	Sign Name	Sign
862	ÀŠ	6	
863	IMIN	7	
864	USSU	8	
865	DIŠ DIŠ DIŠ	ILIMMU 9	
866	IMIN	7	
867	USSU	8	

	Sign Name	Sign Name	Sign
885	ZÚM	ZUM×LAGAB SAL.LAGAB×ĂŠ	
886	NIN ₉	MUNUS.KU	
887	NIN	MUNUS.TÚG	
888	MUNUS.MA		
889	DAM		
890	GÉME	MUNUS.KUR	

	Sign Name	Sign Name	Sign
906	MURGU	SIG ₄	
907	SIG ₄ .ŠÚ SIG ₄	GUḤŠU	

References

Bord, Lucien-Jean and Remo Mugnaioni. *L'Écriture Cunéiforme: Syllabaire Sumérien, Babylonien et Assyrien*. Paris: Librairie Orientaliste Paul Geuthner S.A., ©2002.

Borger, Riekele, and Rykle Borger. *Mesopotamisches Zeichenlexikon*. Vol. 305. Ugarit Verlag Münster, ©2004.

Ellermeier, Friedrich, and Riekele Borger. *Sumerisches Glossar: Führer durch die neuere sumerologische Fachliteratur. Die sumerischen Lautwerte: nach dem Alphabet, nach den "Zeichennamen" und nach den Keilschriftzeichen geordnet*. Selbstverlag dr. Friedrich Ellermeier, ©1979-©1980.

Labat, René and Florence Malbran-Labat. *Manuel D'Épigraphie Akkadienne: Signes, Syllabaire, Idéogrammes*. 6th ed. Paris: Librairie Orientaliste Paul Geuthner S.A., ©1988.

Miller, Douglas B. and R. Mark Shipp. *An Akkadian Handbook: Paradigms, Helps, Glossary, Logograms, and Sign List*. 2nd ed. Winona Lake, Ind.: Eisenbrauns, ©2014.

Oracc Global Sign List. Retrieved November 5th, 2017, from <http://oracc.museum.upenn.edu/ogsl/signlist/>

The Pennsylvania Sumerian Dictionary. Retrieved November 5th, 2017, from <http://psd.museum.upenn.edu/epsd/nepsd-frame.html>